12-209W MAP NO. K-84 SEC. 17-30S-33W

STATE Kansas COUNTY Haskell LOC. C SW SW

OPER Pan-American Petroleum Corporation - Liberal, Ks FT/FR LINE

WELL #2 FARM Black "B" L 5296 3 FT/FR LINE

FIELD Lemon North ELEV. 2961 GR 2968 DF 2971 KB

CONT. Big Chief Drilling Cont. GEOL.

CO. INT. 5500' Oil Test

F.R. 7-14-64 SPUD 7-14-64 COMP. 12-22-64

TD 5504 FM. Ste Gen PBTD 5447

Completion Record	PRODUCING FM.	FROM — TO	PERF W/HOLES	TREATMENT
	Lans "A"	4153-55	80	250A
	Morrow	5344-46	16	250A & Frac

60 b Lan
77 b Mrw

State Pot: (Lans "A") P 60 BOPD + 15% wtr (Gr 38.9 Deg)

Casing Record State Pot: (Morrow) P 77 BOPD + 2% wtr (Gr 41.1 deg)

Dual Comp.

Delta Inc.

8-5/8" @746' w/700 Sx. 5½" @5500' w/200 Sx.

(KB Log Tops:)

Lans "A"	4152	-1181
Lans "B"	4198	-1227
Lans "F"	4426	-1455
Kc "A"	4604	-1633
Kc "B"	4662	-1691
Marm	4768	-1797
Mrw	5236	-2265
Mrw sd	5337	-2366
Chest	5386	-2415
St Gen	5442	-2471
LTD	5504	-2533

RTD 5500, Log, 5½" @5500' w/200 Sx., w/DV tool @4309' w/150 Sx., CO 5447, Perf 16/ 5344-46 (Mrw), $ 21 BO-NW/10 hrs, (Gr 38 deg), Sli sho gas, 250A (15%), Rec ld, $ 12-3/4 BO-NW/5 hrs, $ 19 BO-NW/19 hrs, Frac 6000 GA x 3000# sd, $ ld, $ 100 BO-NW/6 hrs

GOR 1200-1, Pkr @5320, Perf 8/4212-14 (Lans "B"), 240A (15%), $ ld, $ 3 BO & 9 BW/3 hrs, $ 60 BW/12 hrs, Clor 87,000 PPM, Sq 4212-14 w/125 Sx., Perf 80/4153-55 (L (Lans "A") $ ½ BOPH/2 hrs, nat, 250A (15%) $ ld, $ 50 BO & 25 BW/7 hrs, Ran dual tbg POP, State Pot: P 60 BOPD & 15% wtr, Gr 38.9 deg, Lans "A" 4153-55 - State Pot: P 77 BOPD & 2% wtr, Gr 41.1 deg, Mrw 5344-46 - Dual Completion - COMPLETED

LIBERAL ELECTRIC LOG TOPS

2966 KB

Winfield 2696 (+270)
Heebner 4062 (-1096)
Toronto 4082 (-1116)
Lansing 4152 (-1186)¢ 60 BOPD + 15% wtr
Lansing "C" 4422 (-1456)
Lansing "D" 4602 (-1636)
Marmaton 4770 (-1804)
Pay Zone 4792 (-2272)
"S-3" Sand 5334 (-2368) 10/12; ¢ 77 BOPD + 2% Wtr
Chester 5346 (-2380)
Ste. Genevieve 5396 (-2430)
TD 5504